



US Army Corps  
of Engineers®



## Calumet Harbor, IL and IN

### Project Features

- Located on Lake Michigan in the city of Chicago, Illinois. The approach channel and outer harbor are located in Lake County, Indiana
- Authorization: Rivers and Harbors Acts of 1899, 1902, 1935, 1960, 1962, and 1965.
- Controlling depths are 29 ft. in the approach channel, 28 ft. in the outer harbor, and 27 ft. in the main river channel.
- The harbor is central element of the Port of Chicago, the 32<sup>nd</sup> leading U.S. port and the 2<sup>nd</sup> largest port on the Great Lakes. Calumet Harbor, by itself, is a leading U.S. port, with 14.6M tons shipped or received in 2006.
- Calumet Harbor, if ranked separately, would be 3<sup>rd</sup> in tonnage of the 62 Federal commercial harbors on the Great Lakes.
- 12,153 linear feet of steel sheetpile and timber crib breakwater structures.
- The Federal navigation channel within the harbor is 4.40 miles long. The channel extends up the Calumet River to the Illinois Waterway (6.74 miles), and to L. Calumet (1.30 miles).
- Chicago Confined Disposal Facility (CDF), which has a total storage capacity of 1.3M cubic yards of contaminated sediment.
- 30 industrial tenants operate in the harbor, as well as a USCG Search and Rescue Station.

### Project Needs

- The CDF contains over 1.0M cubic yards. It will be completely filled within four years. The Dredged Material Management Plan (DMMP) will investigate future disposal options.
- Authorized depth is maintained only in the center half-width of the harbor channel. The average shoaling depth elsewhere is 2.0 feet.
- The detached breakwater is the harbor's primary shield. Its condition is poor and has a high probability of failure due to steel fatigue from over 72 years of service. The structure has lost 6-10 inches of protective height. Two breaches have previously occurred - both were large (3 cells - over 120 feet wide), and expanded rapidly.



### Consequences of Not Maintaining the Project

- Light loading - loss of between 3 and 5 feet of channel depth due to shoaling and lake level results in increased transportation costs of between \$1.7M and \$4.3M annually.

### Transportation Importance

- Commodities are limestone, coke, coal, salt, grain, cement, liquid bulk, potash, and steel.
- The harbor is the primary link (of only two possible routes) between the Inland-Waterway system, the Great Lakes, and foreign ports. From this harbor, deep-draft ships can reach the Atlantic Ocean through the St. Lawrence Seaway, and barges can reach the Gulf of Mexico through the Illinois and Mississippi Rivers.
- The harbor is the best safe refuge on southern Lake Michigan due to its ease of entry during storms. It permits the safe operation of over 3,000 river barges annually between the Inland-Waterway system and Indiana, Gary, or Burns Waterway Harbors.
- Bulk commodities that pass through the harbor generate nearly \$556.M annually in direct revenue which supports nearly 5,000 jobs.
- These jobs generate nearly \$185.M per year in personal income.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2008, 2009 and 2010  
Calumet Harbor, IL and IN - Project Needs and President's Budget (\$1,000)**

<b>Work Package</b>	<b>FY08 Need</b>	<b>FY08 Allocation</b>	<b>FY09 Need</b>	<b>FY09 President's Budget</b>	<b>FY10 Need</b>	<b>FY10 Budget*</b>
Project Condition Surveys	300	277	300	300	310	
Chicago CDF Water Quality Monitoring	121	112	90	90	131	
Chicago CDF Dredged Material Management Plan	410	380	260	260	0	
Maintenance Dredging of Harbor Channel – Primary work package	1,436	1,328	2,370	2,370	980	
Maintenance Dredging of Harbor Channel – Backlog work package	-	-	1,780	0	0	
Structural Repairs – Detached Breakwater by Government Floating Plant	1,585	1,466	1,760	1,760	1,830	
Maintenance Dredging of River Channel – Backlog work package	-	-	1,240	0	0	
Chicago CDF Perimeter Dikes Expansion					1,920	
<b>TOTALS</b>	<b>3,852</b>	<b>3,563</b>	<b>7,800</b>	<b>4,780</b>	<b>5,171</b>	

\*FY10 President's Budget will be available in February 2009.

**Congressional Interests**

- Representative Jesse L. Jackson, Jr., D-IL-2
- Senator Richard Durbin, D-IL
- Senator Barack Obama, D-IL